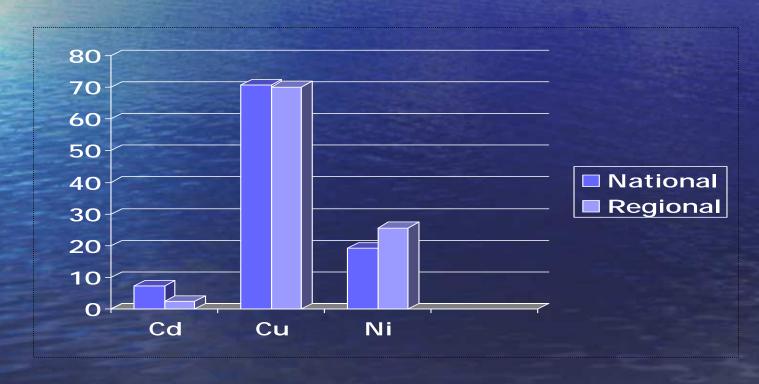


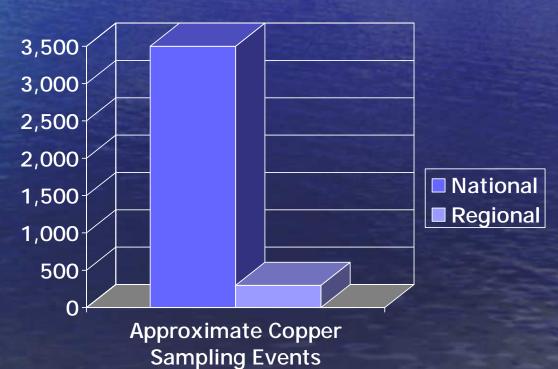
Revisions

• MALs based on national Data versus regional Data (US EPA Climate Zone 6)



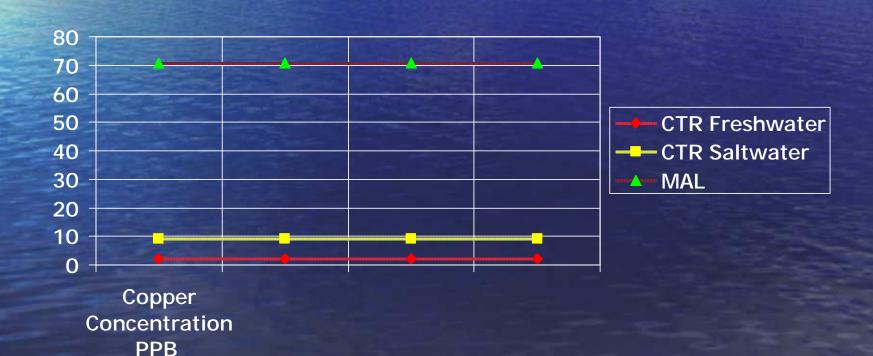
Revisions

• Number of sampling events used in computing MALs



Revisions

 Revised MALs values in comparison to CTR values

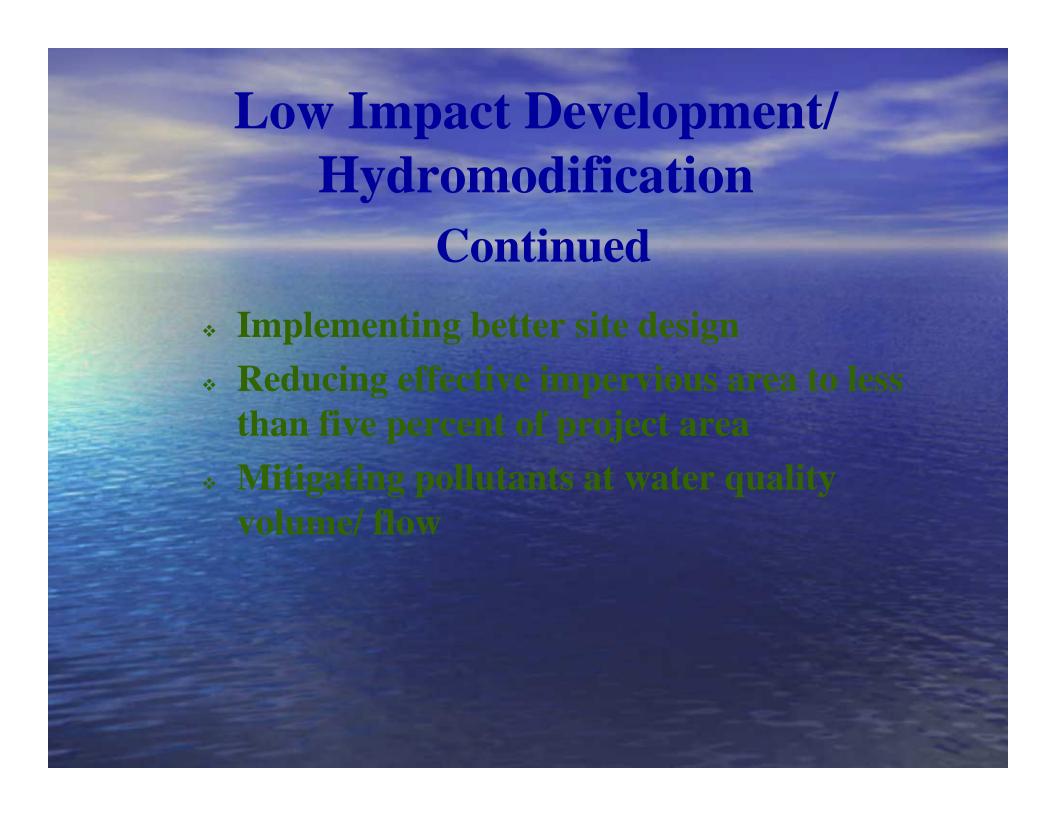


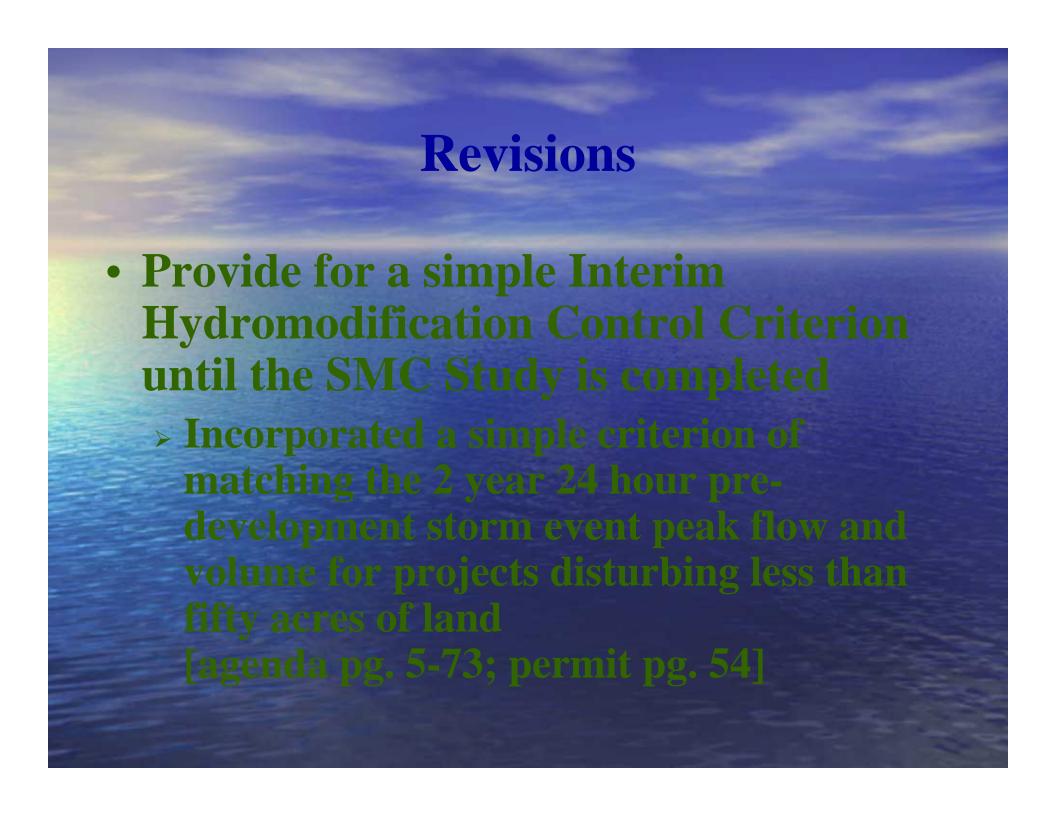






- Specific Objectives
 - Maintain pre-development hydrology characteristics by
 - * Implementing flow/volume control measures to prevent hydromodification / protect stream habitat
 - Implementing an integrated approach to water quality/ resources management remove pollutants, reduce runoff, and reuse storm water







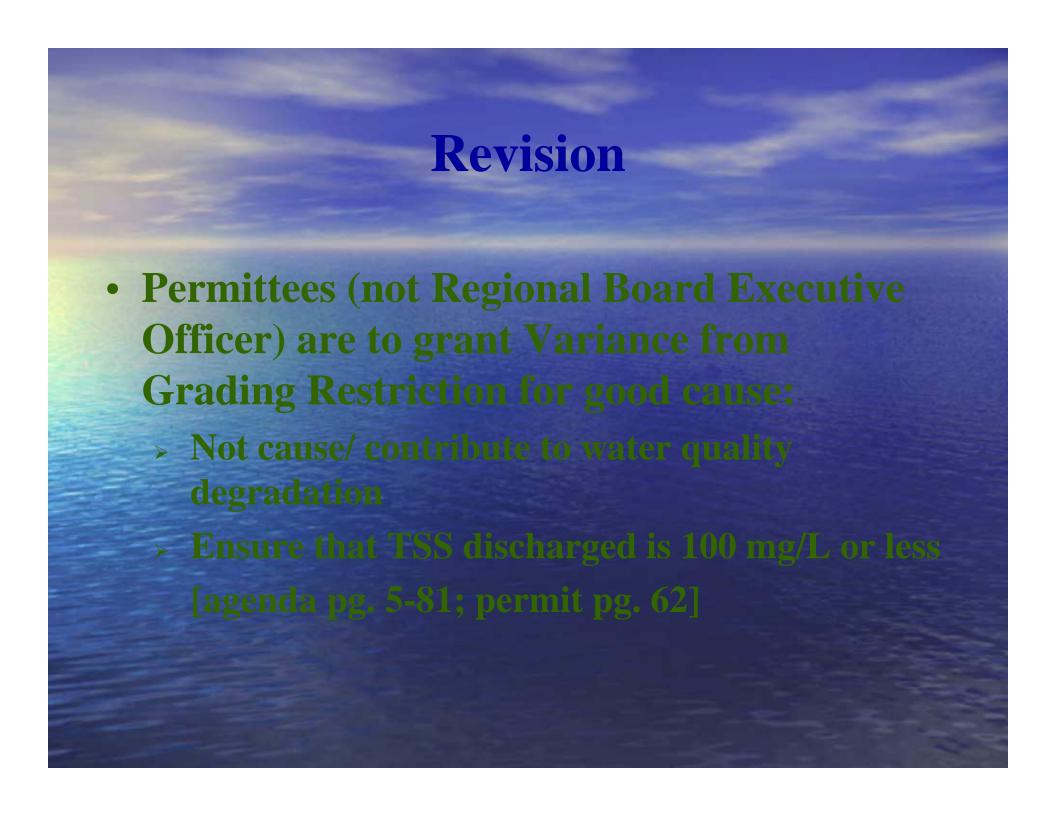
- On site controls to reduce flow may not be as effective as watershed scale strategies to avoid adverse hydromodification impacts
 - Provided for the development of watershed scale Hydromodification Control Plans after the completion of the SMC hydromodification control study [agenda pg. 5-73; permit pg. 54]

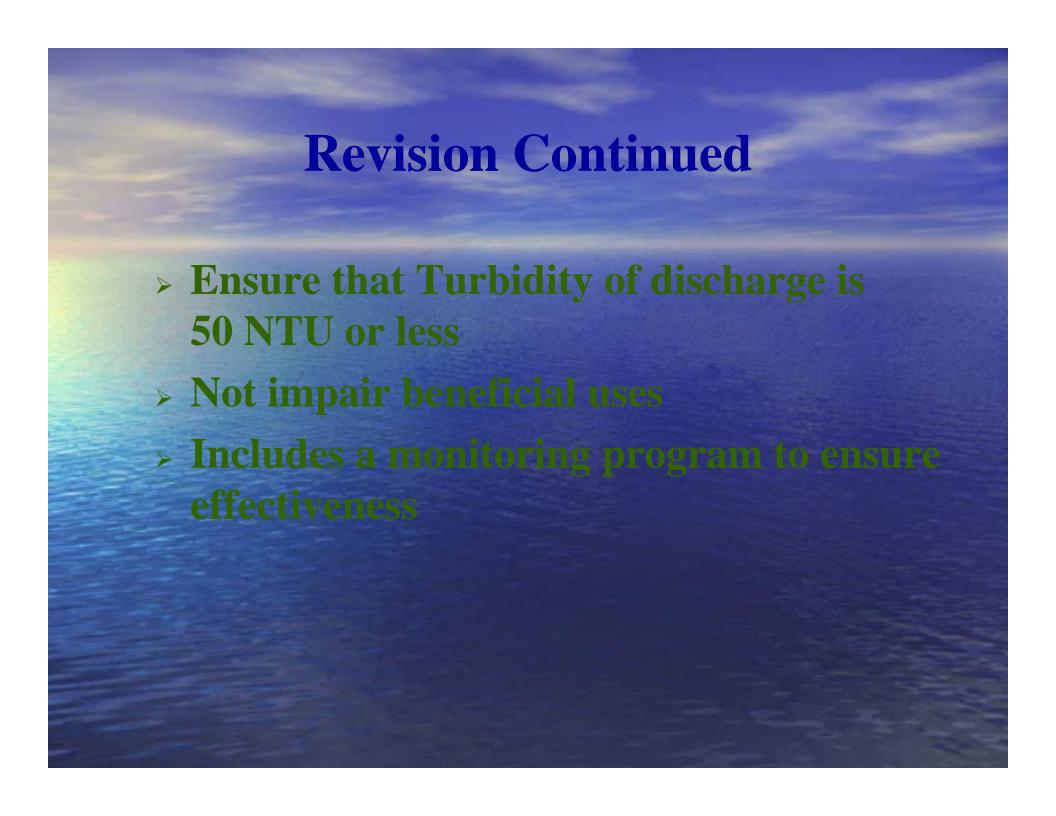
Revisions Continued

- Implementing impervious area reduction, and low impact development strategies in redevelopment and built-out areas will be difficult
 - > Provided for alternate post- construction storm water mitigation programs, if first reviewed and recommended by a state or regional planning agency such as the Local Government Commission [agenda pg. 5-78; permit pg. 59]



- Disturbed slopes 20% or greater
- Sites discharging into 303(d) listed water bodies (listed for sedimentation/ siltation)
- Sites discharging into environmentally sensitive areas (ESAs)
- Approximately 8% of Ventura County construction sites may be impacted by the wet season grading restriction

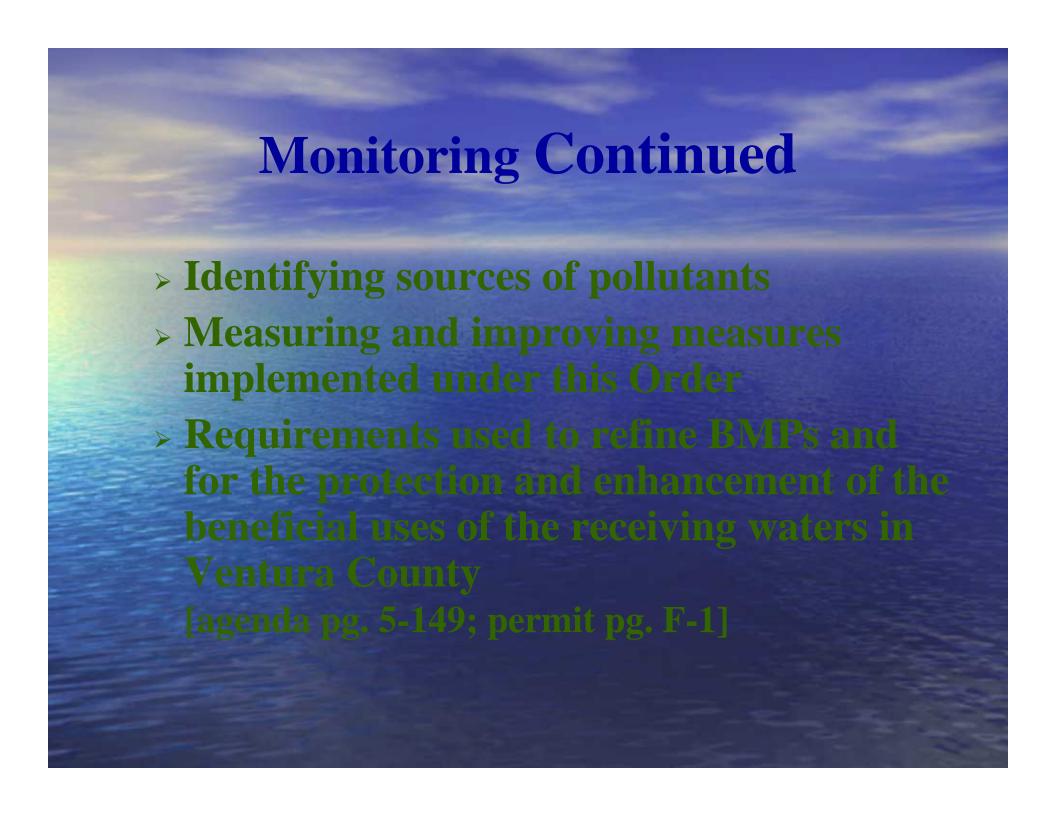




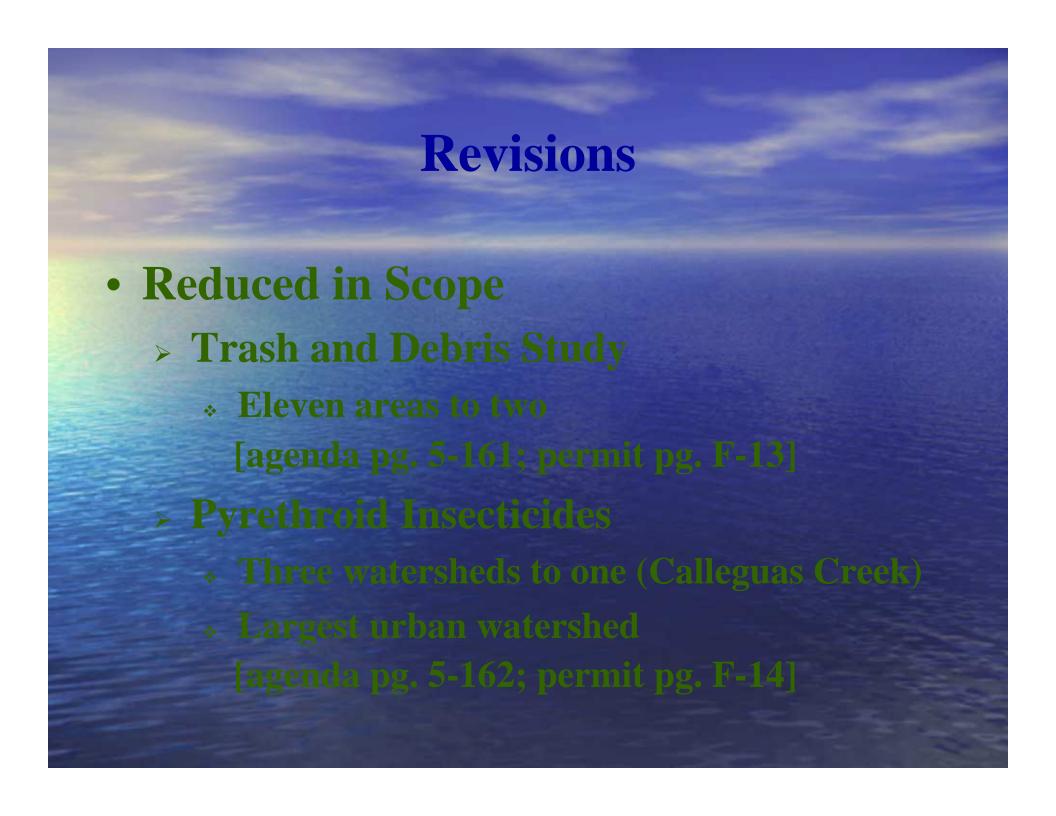








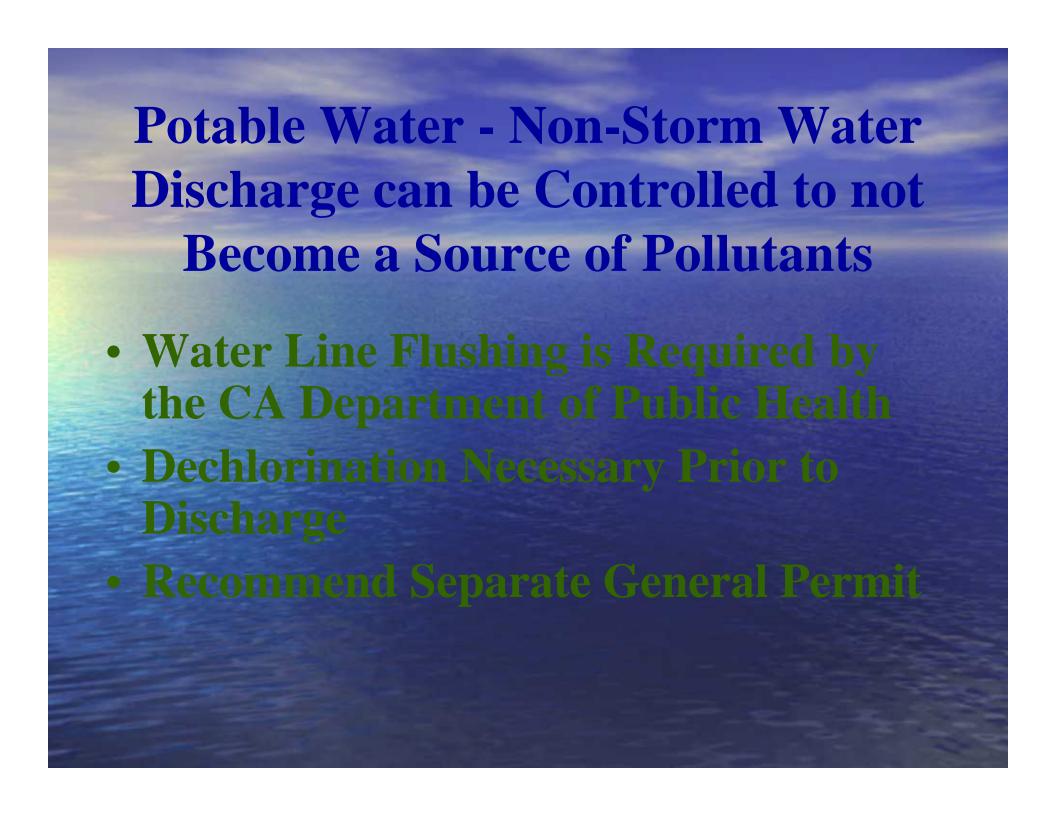








- Potable Water Discharges
- Trash Excluders
- Routine Maintenance Permit Exclusion
- Street Resurfacing versus gravel road maintenance
- Three Updates
- Uniform Cost Reporting
- Phase I versus Phase II Programs
- BMP Substitution



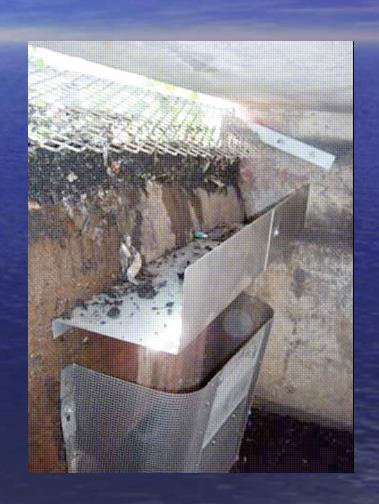


- Attaches to Catch Basin Interior
- 5mm mesh screen
- Catches Trash and Debris >5mm
- In High Storm
 Conditions, Water
 Overflows Screen to
 Discharge Freely



Other Issues – Trash Excluders Continued

- Screen is Attached to Curb Face
- Keeps out Trash for a Street Sweeper to Collect
- Automatically
 Retracts to Allow
 Greater Flows to
 Enter Drain





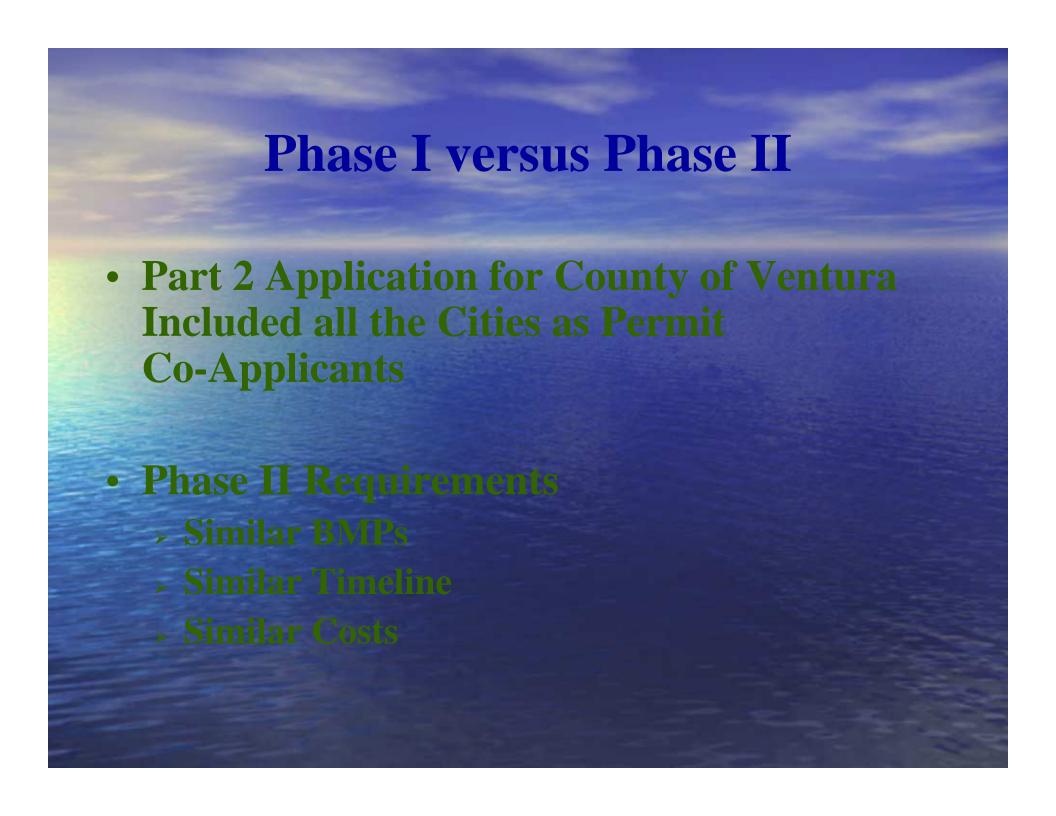


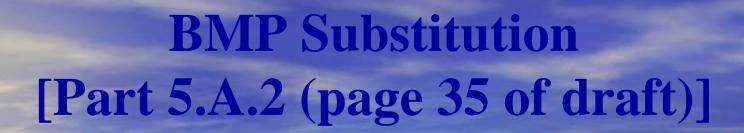
- To Maintain original Line and Grade,
 Hydraulic Capacity, or original purpose of
 the Facility but Only includes:
 - > Dirt or Gravel Road Shoulder work;
 - > Dirt or Gravel Road Maintenance work:
 or
 - Ditch Clean outs (With A 401 Certification, if necessary)



• Federal Regulations require an Annual Accounting of Financial Resources to implement a storm water management program [40 CFR 122.42(c)(3) and (5)]

Fiscal Analysis Required
 Demonstrating Sufficient Financial
 Resources [40 CFR 122.26(d)(2)(vi)]





- The proposed alternative BMP or program will meet or exceed the objective of the original BMP or program in the reduction of storm water pollutants
- The fiscal burden of the original BMP or program is substantially greater than the proposed alternative and does not achieve a substantially greater improvement in storm water quality
- The proposed alternative BMP or program will be implemented within a similar period of time



• "[P]oint sources implement the waste load allocations within TMDLs through enforceable water quality-based discharge limits in NPDES permits authorized under section 402 of the CWA."

USEPA Office of Water Memo,
New Policies for establishing and Implementing
TMDLs, 1998

USEPA TMDL/ NPDES Permit Policies

• "Where a TMDL has been approved, NPDES permits must contain effluent limits and conditions consistent with the requirements and assumptions of the wasteload allocations in the TMDL. See 40 CFR § 122.44(d)(1)(vii)(B)."

USEPA Office of Water Memo, Establishing
TMDL Waste Load Allocations for Storm Water
Sources and NPDES Permit Requirements Based
on those WLAs, 2002

USEPA TMDL/NPDES Permit Policies (cont'd)

• Effluent limitations to control the discharge of pollutants generally are expressed in numerical form. However, in light of 33 U.S.C. 1342(p)(3)(B)(iii), EPA recommends that for NPDES-regulated municipalstorm water discharges effluent limits should be expressed as best management practices (BMPs) or other similar requirements, rather than as numeric effluent limits"

USEPA Office of Water Memo, Establishing TMDL Waste Loud Allocations for Storm Water Sources and NPDES Permit Requirements Based on those WLAs, 2002

USEPA TMDL/NPDES Permit Policies (cont'd)

 The CWA definition of "effluent limitation" is quite broad ("effluent limitation" is "any restriction . . . on quantities, rates, and concentrations of chemical, physical, biological, and other constituents which are

USEPA TMDL/NPDES Permit Policies (cont'd)

• Accordingly, effluent limits in NPDES permits may be written in a form that derives from, and complies with, applicable water quality standards that use any of these various time measures. See 40 CFR 122.44(d) (1) (vii) (A).

USEPA Office of Water Memo, Establishing
TMDL Daily Loads in Light of the Decision by the
US Court of Appeals for the D.C. Circuit in Friends
of the Earth Inc., v. EPA et al.No. 0550-15
(April 25, 2006) and its Implications for NPDES
Permits, 2006